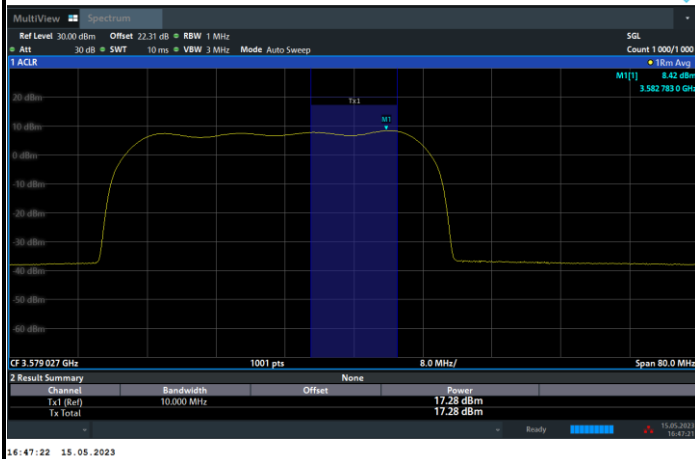




FR1 n48 / 40MHz / Lowest Channel / Conducted (dBm/10MHz)

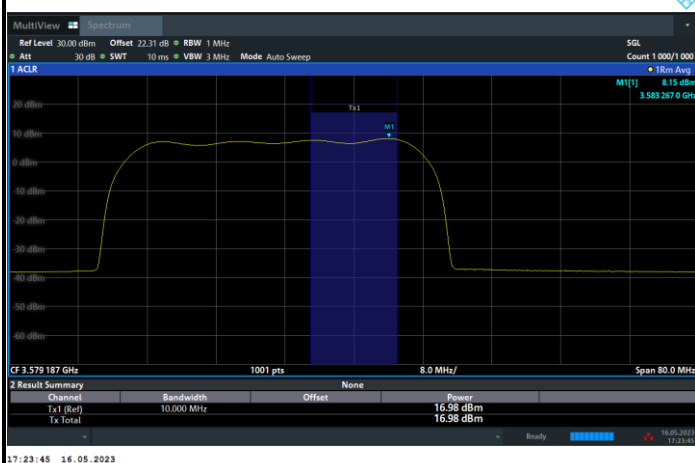
QPSK



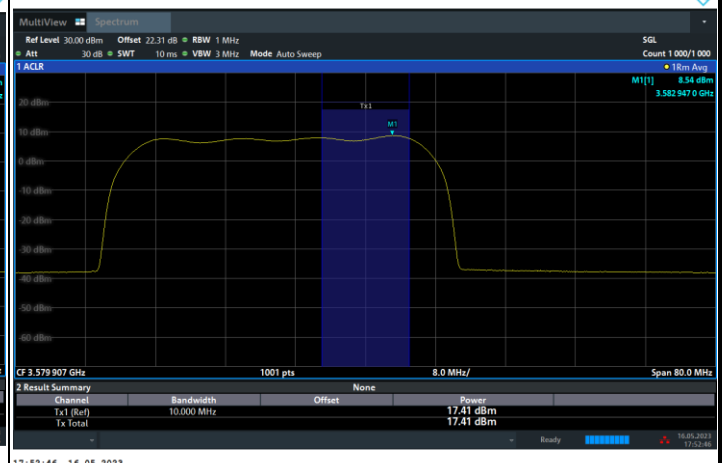
16QAM



64QAM



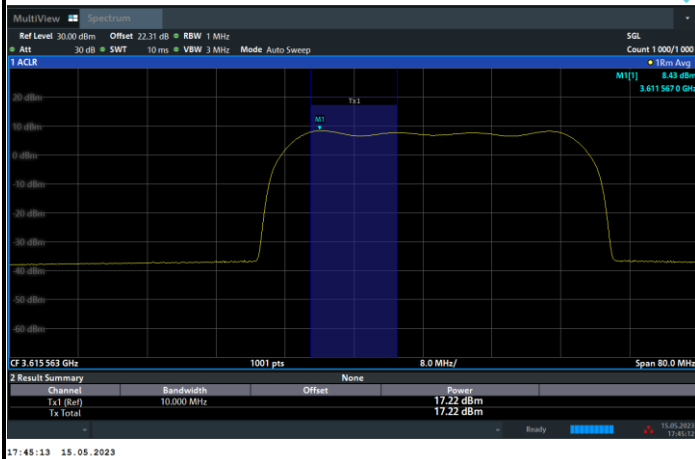
256QAM





FR1 n48 / 40MHz / Middle Channel / Conducted (dBm/10MHz)

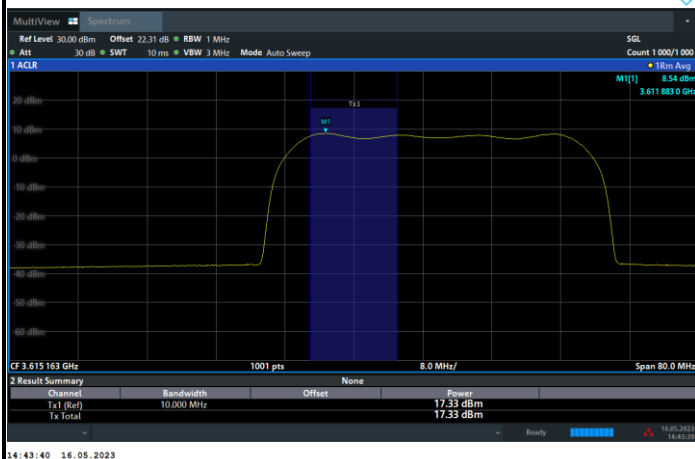
QPSK



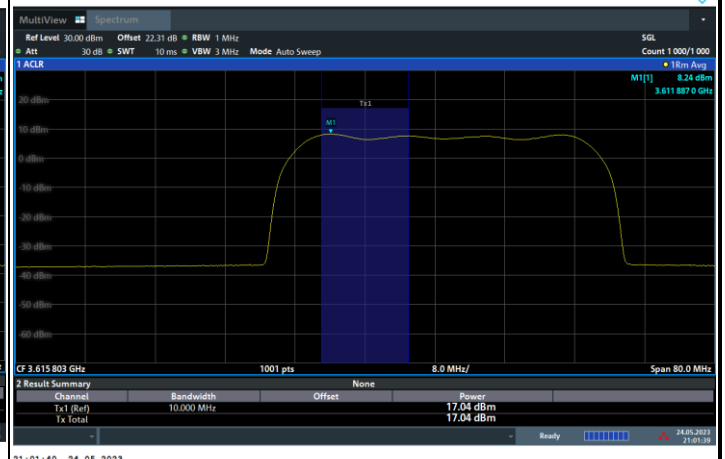
16QAM



64QAM



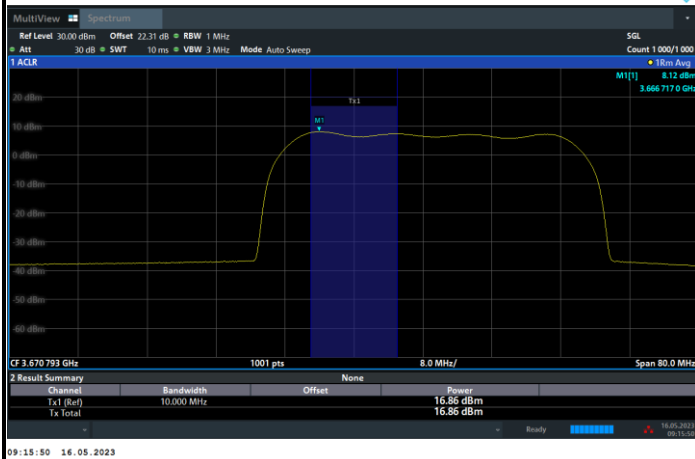
256QAM





FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

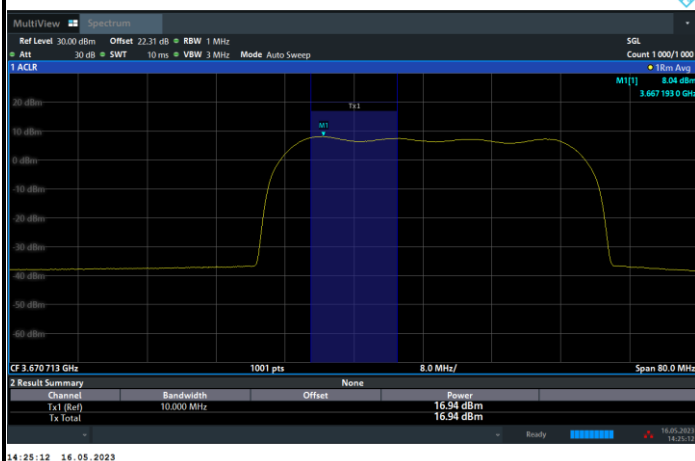
QPSK



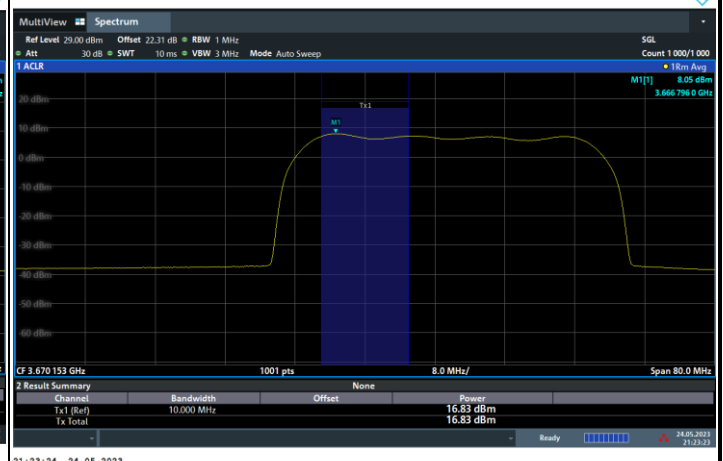
16QAM



64QAM



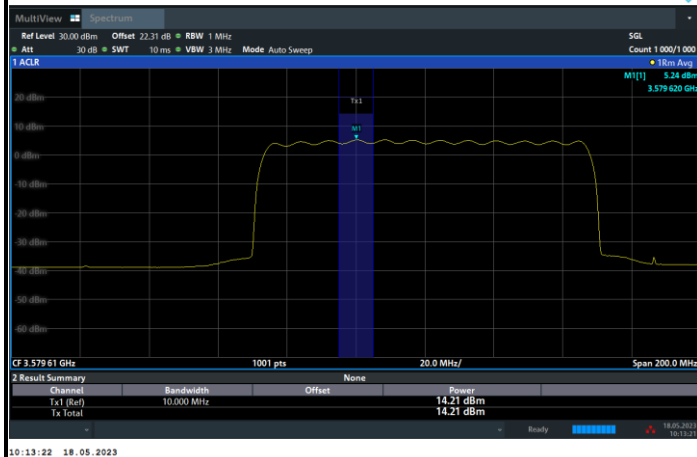
256QAM





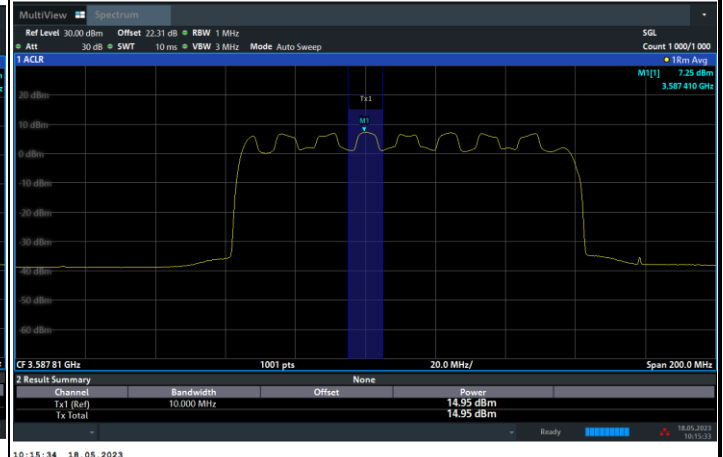
FR1 n48 / 100MHz / Lowest Channel / Conducted (dBm/10MHz)

QPSK



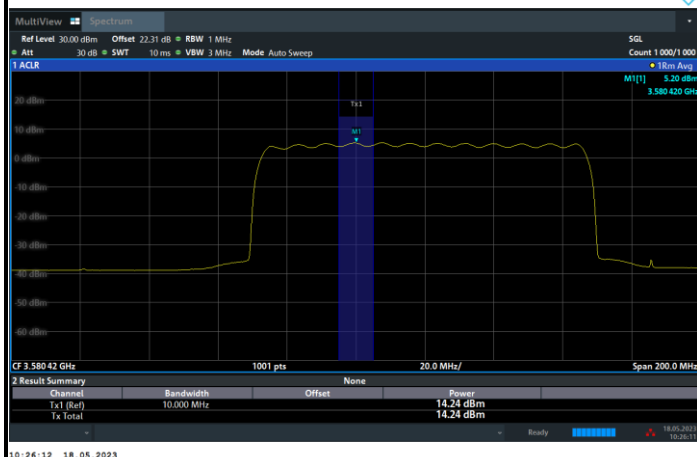
10:13:22 18.05.2023

16QAM



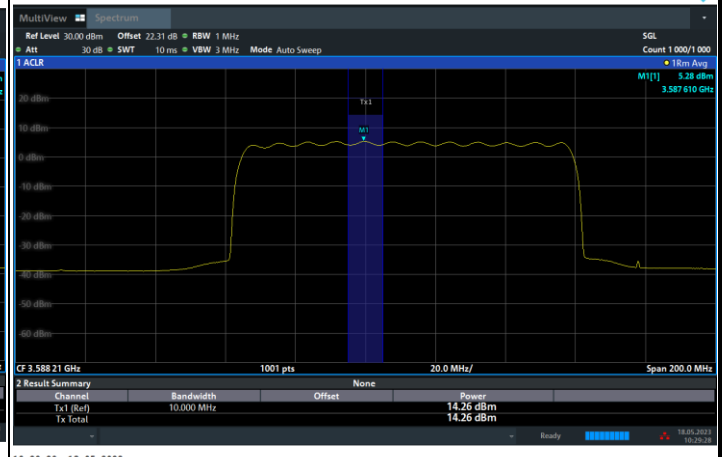
10:15:34 18.05.2023

64QAM



10:26:12 18.05.2023

256QAM

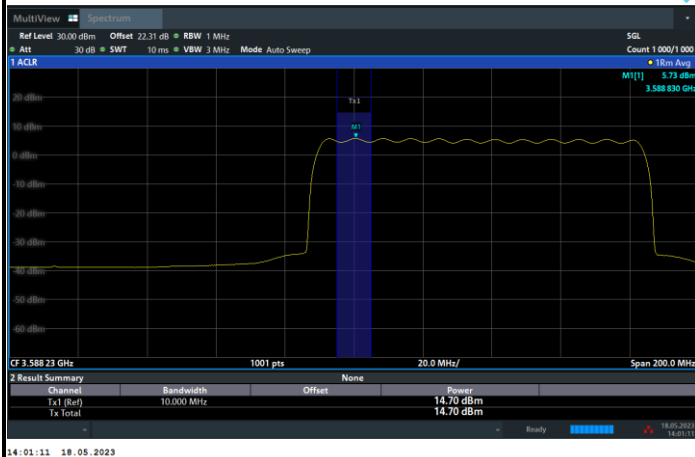


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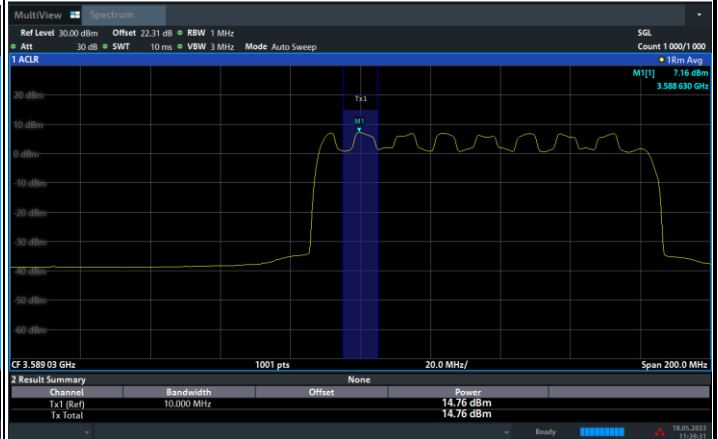
FR1 n48 / 100MHz / Middle Channel / Conducted (dBm/10MHz)

QPSK



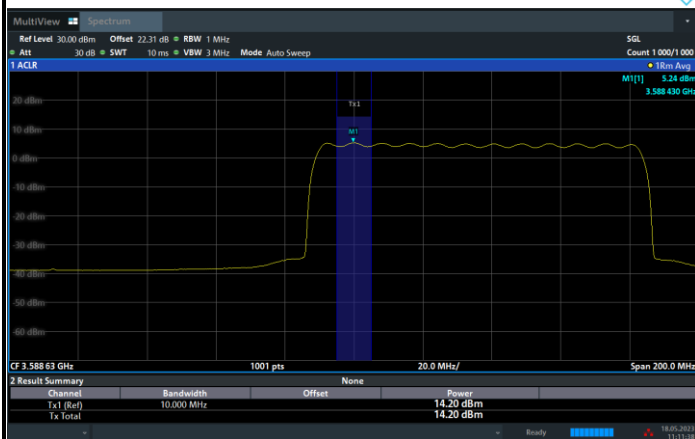
14:01:11 18.05.2023

16QAM



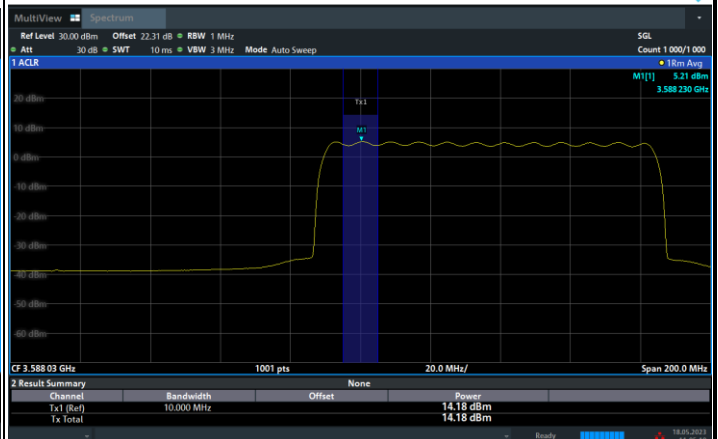
11:39:31 18.05.2023

64QAM



11:11:38 18.05.2023

256QAM

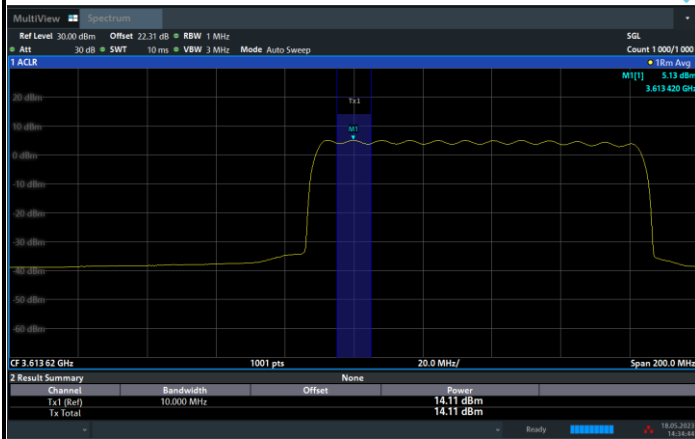


11:05:18 18.05.2023



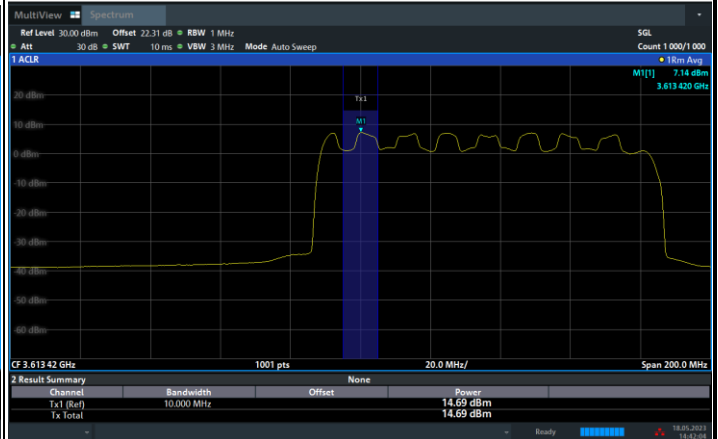
FR1 n48 / 100MHz / Highest Channel / Conducted (dBm/10MHz)

QPSK



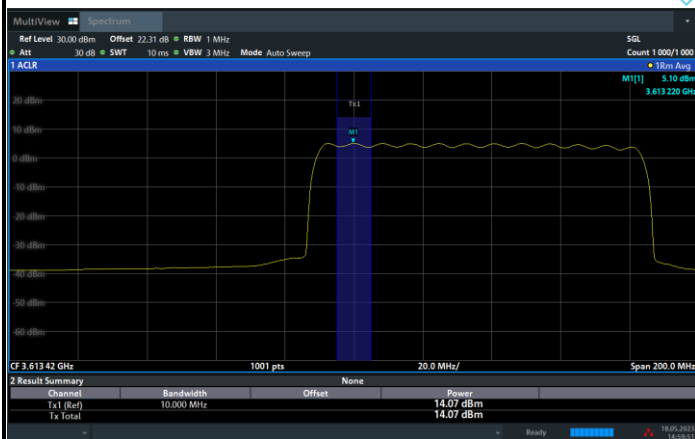
14:34:44 18.05.2023

16QAM



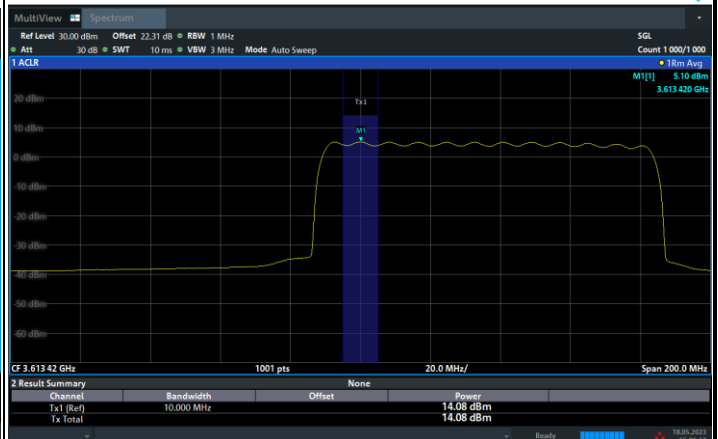
14:42:05 18.05.2023

64QAM



14:59:52 18.05.2023

256QAM



15:01:13 18.05.2023

5.3 Power Spectral Density

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	8.26	8.54	8.09	8.26	8.49	8.34	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	8.40	8.63	8.08	8.33	8.23	8.60	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	5.28	7.25
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	5.27	5.27

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	19.58	19.86	19.41	19.58	19.81	19.66	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	19.72	19.95	19.40	19.65	19.55	19.92	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	16.60	18.57
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	16.59	16.59
Limit	20dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 5.3dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.46	8.63	8.50	8.52	8.44	8.48	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.66	8.39	8.02	8.04	8.68	8.27	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	5.78	7.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	5.25	5.23

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	19.78	19.95	19.82	19.84	19.76	19.80	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	19.98	19.71	19.34	19.36	20.00	19.59	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	17.10	18.47
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	16.57	16.55
Limit	20dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 5.3dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	8.23	8.27	8.47	8.58	8.11	8.41	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	8.15	8.17	8.66	8.66	8.19	8.00	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	5.18	7.13
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	5.10	5.15

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	19.55	19.59	19.79	19.90	19.43	19.73	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	19.47	19.49	19.98	19.98	19.51	19.32	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	16.50	18.45
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	16.42	16.47
Limit	20dBm/MHz							
Result	PASS							

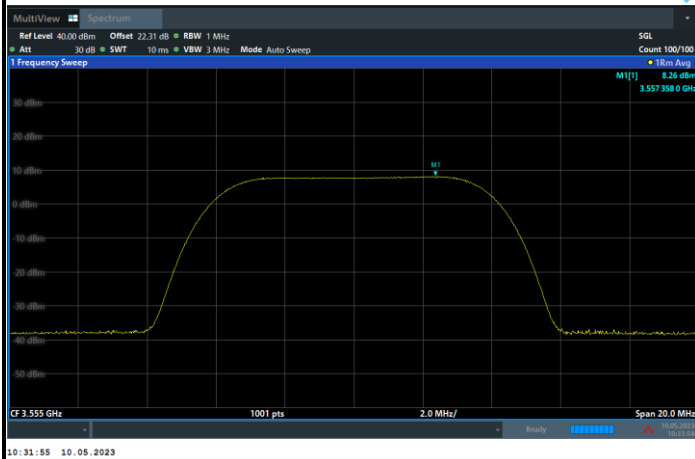
Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 5.3dBi MIMO antenna gain.

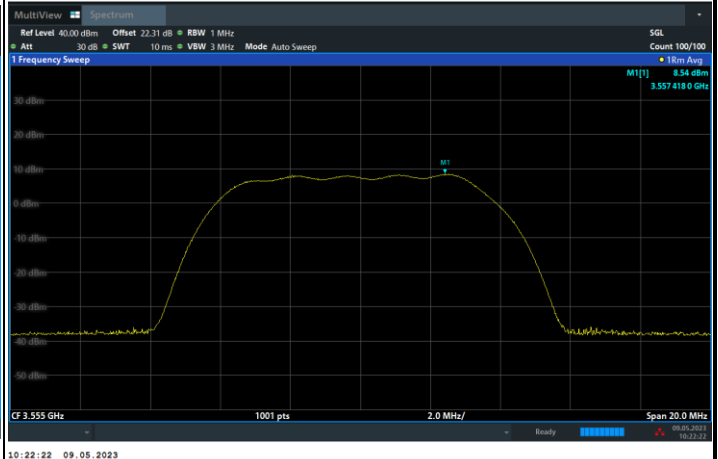


FR1 n48 / 10MHz / Lowest Channel / PSD

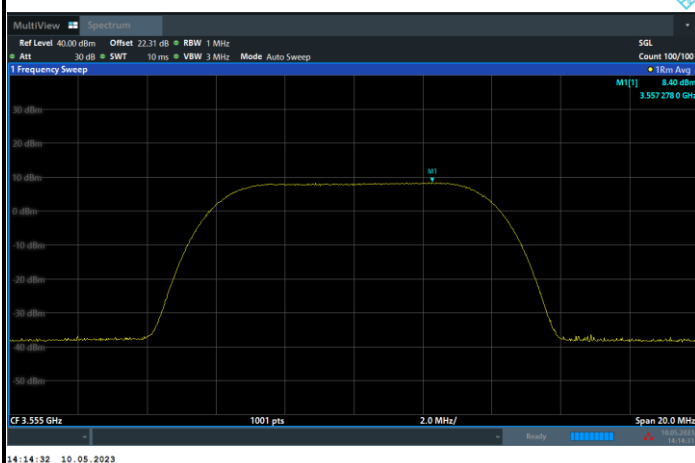
QPSK



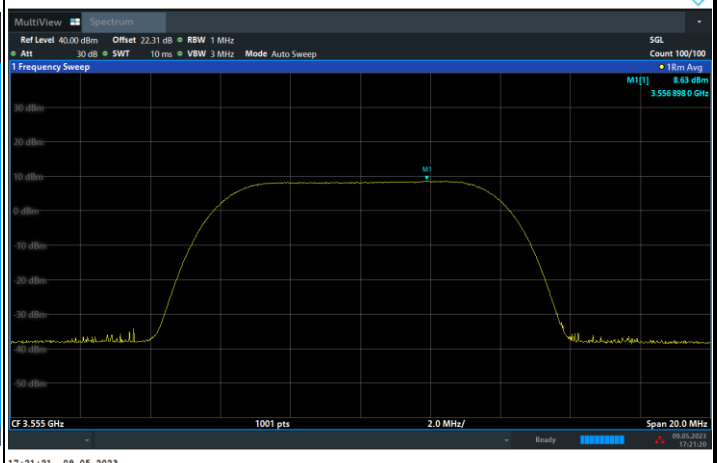
16QAM



64QAM



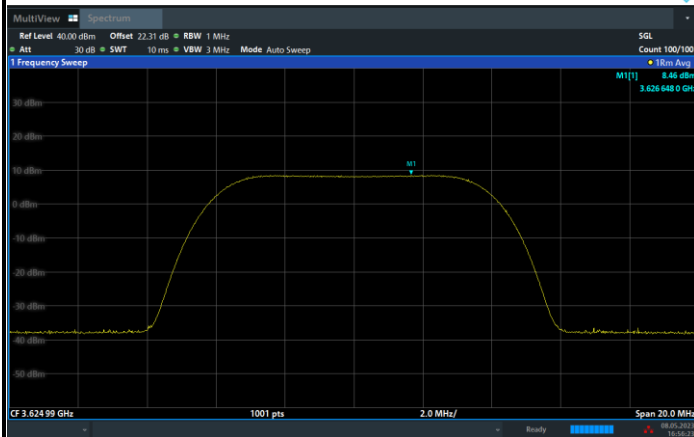
256QAM





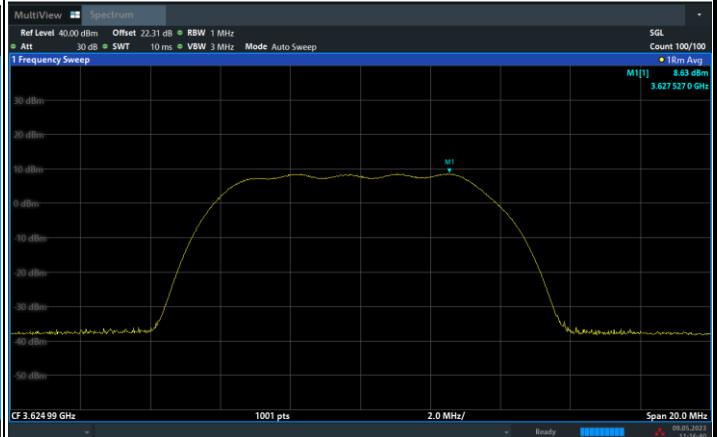
FR1 n48 / 10MHz / Middle Channel / PSD

QPSK



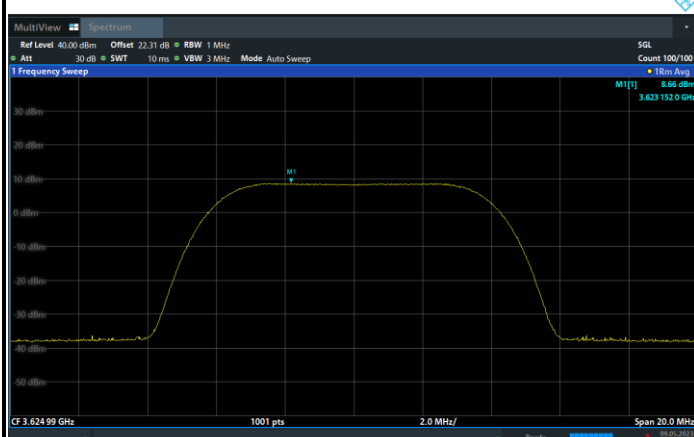
16:56:24 08.05.2023

16QAM



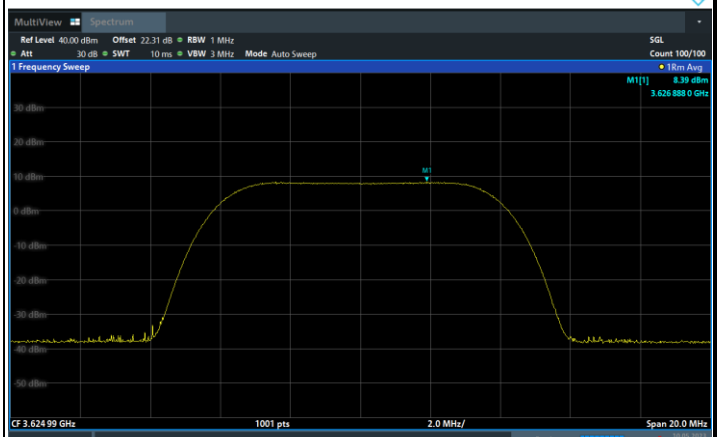
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64QAM



16:26:19 09.05.2023

256QAM

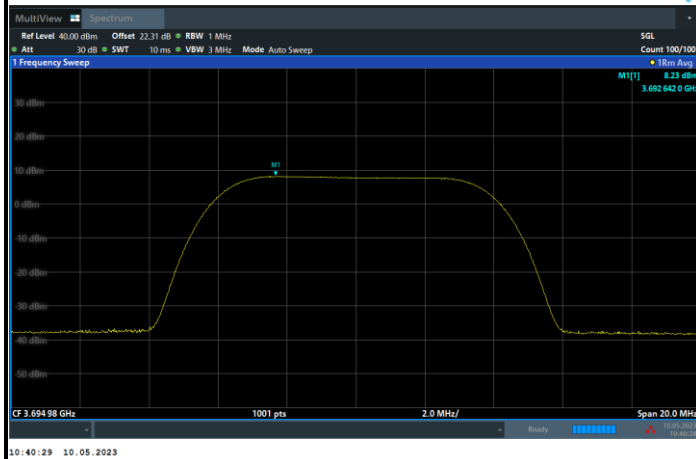


15:19:09 10.05.2023

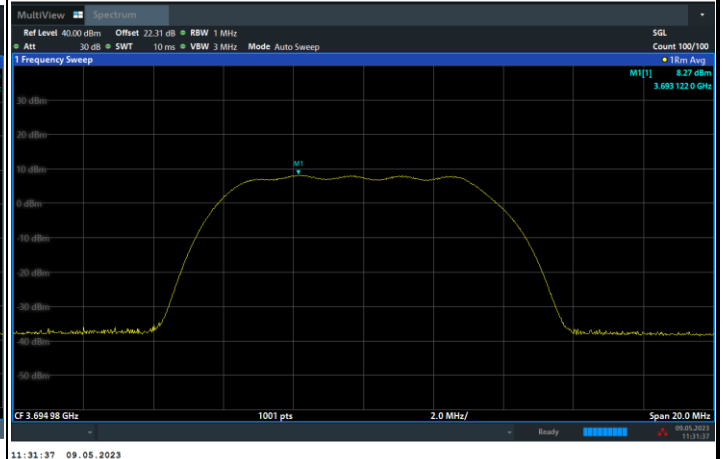


FR1 n48 / 10MHz / Highest Channel / PSD

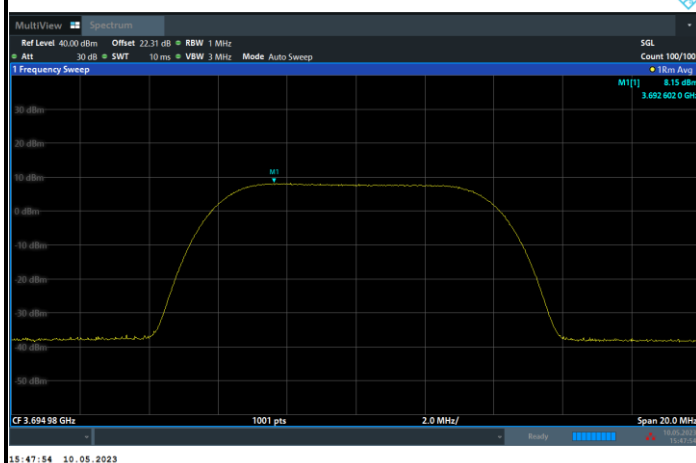
QPSK



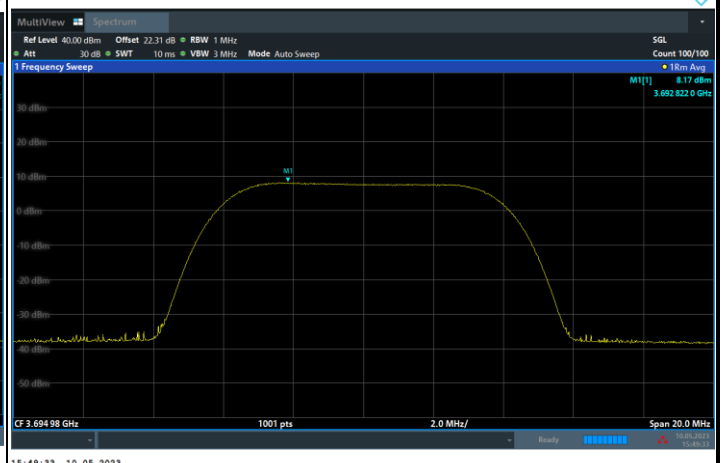
16QAM



64QAM



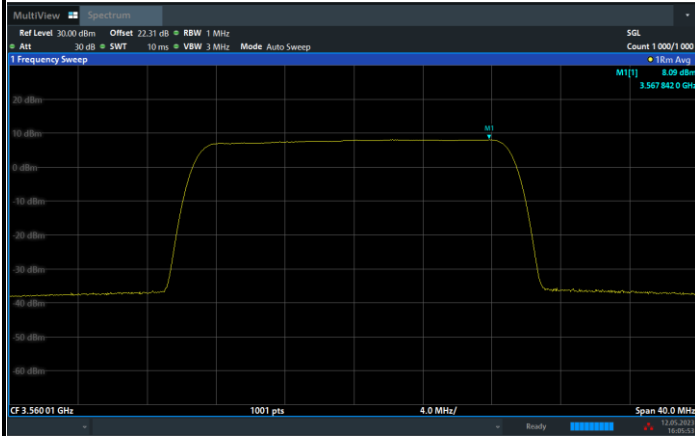
256QAM





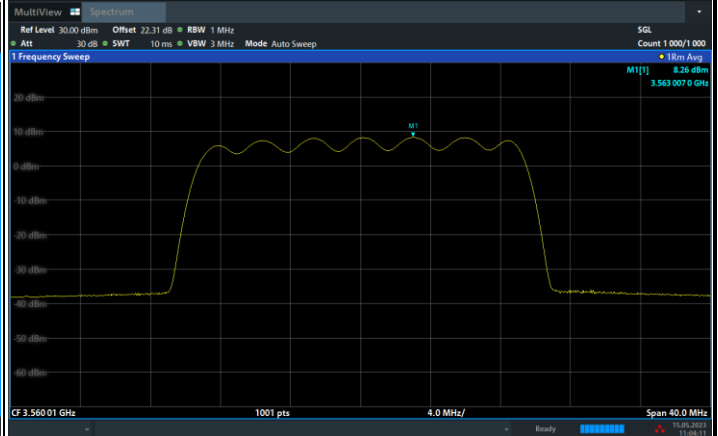
FR1 n48 / 20MHz / Lowest Channel / PSD

QPSK



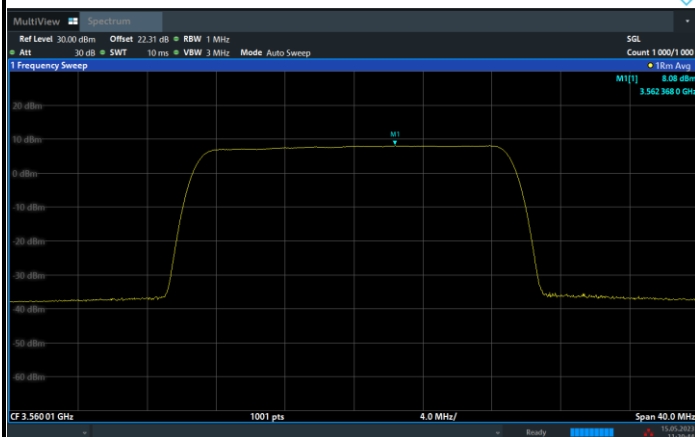
16:05:54 12.05.2023

16QAM



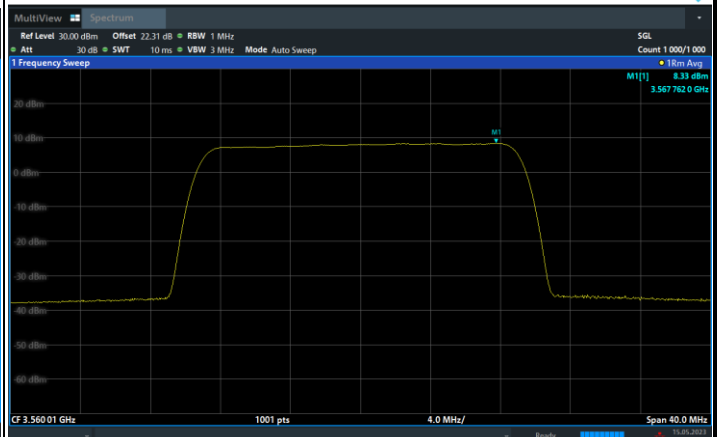
11:04:12 15.05.2023

64QAM



11:20:45 15.05.2023

256QAM

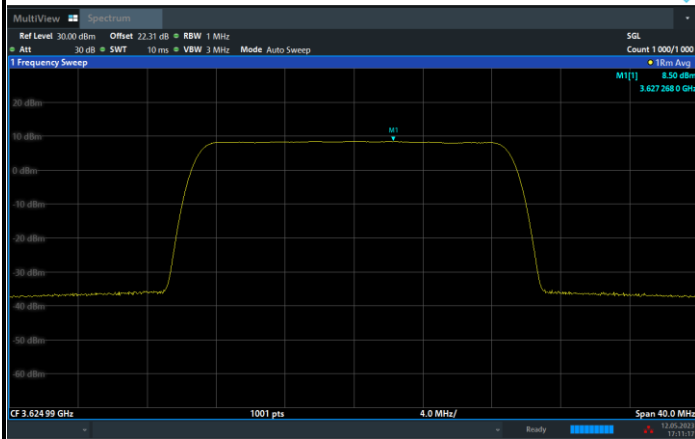


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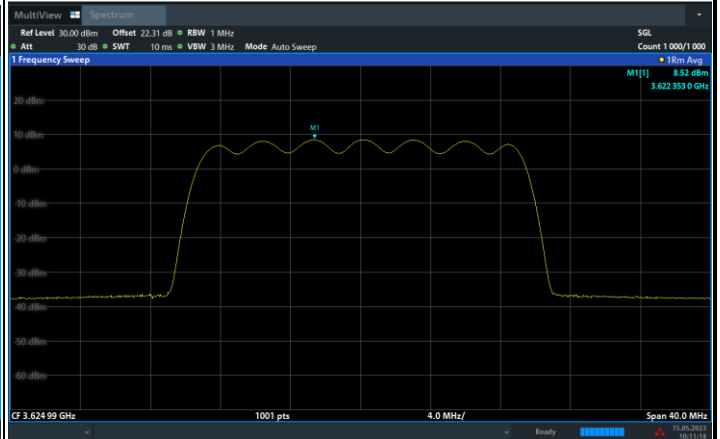
FR1 n48 / 20MHz / Middle Channel / PSD

QPSK



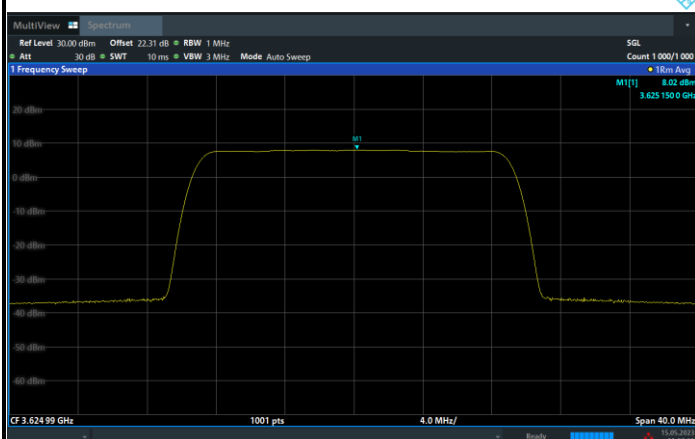
17:11:18 12.05.2023

16QAM



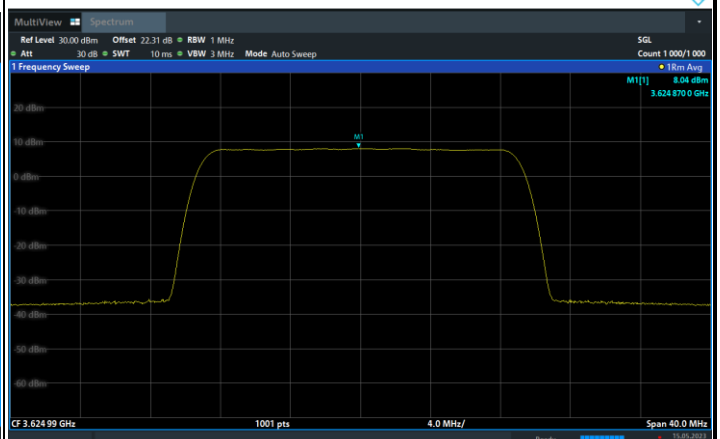
10:11:14 15.05.2023

64QAM



11:57:56 15.05.2023

256QAM

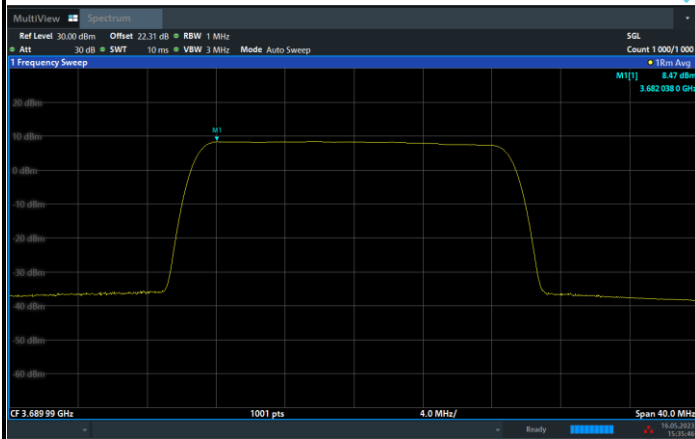


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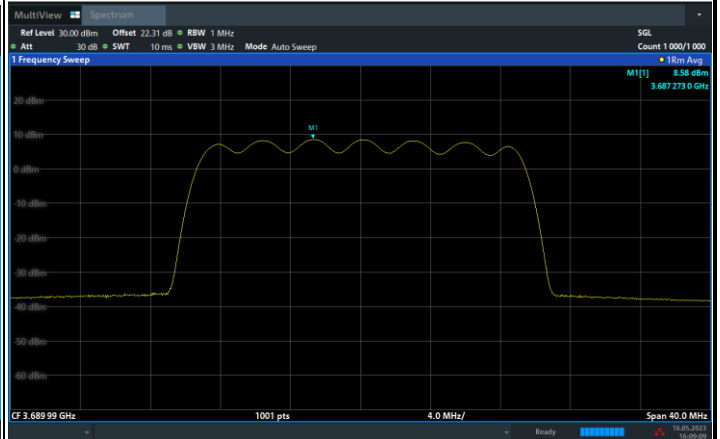
FR1 n48 / 20MHz / Highest Channel / PSD

QPSK



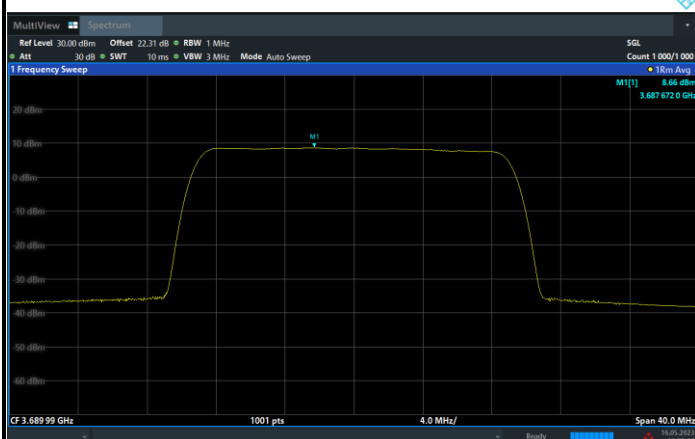
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16QAM



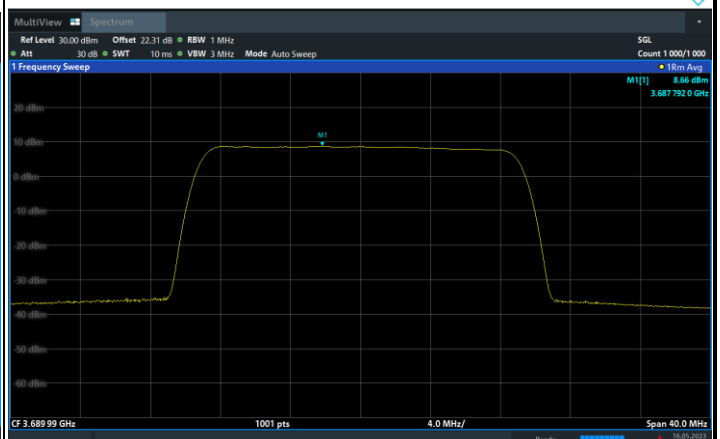
16:09:09 16.05.2023

64QAM



16:20:39 16.05.2023

256QAM

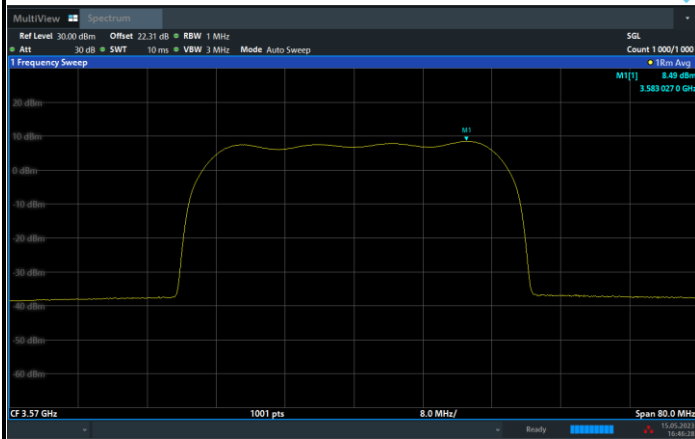


17:17:37 16.05.2023



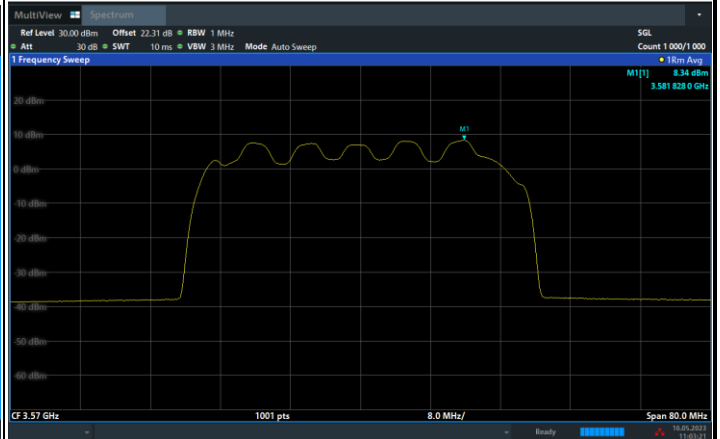
FR1 n48 / 40MHz / Lowest Channel / PSD

QPSK



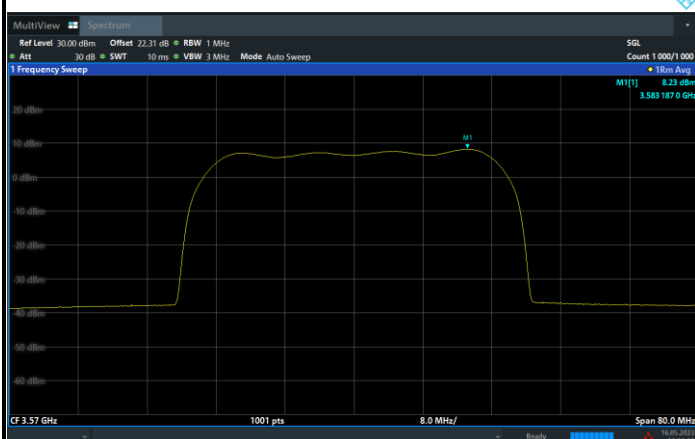
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16QAM



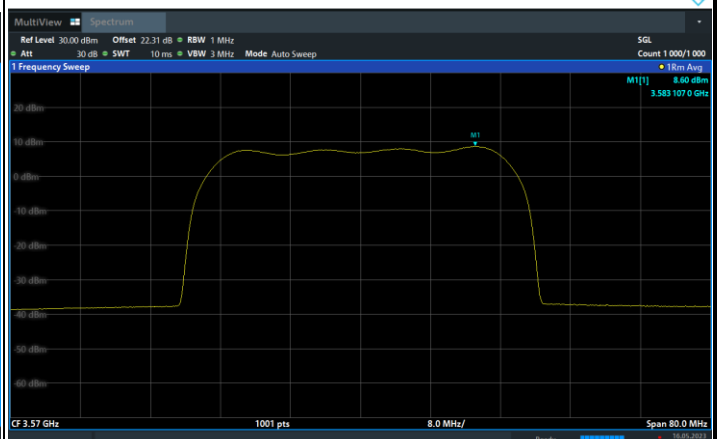
11:03:22 16.05.2023

64QAM



17:23:18 16.05.2023

256QAM

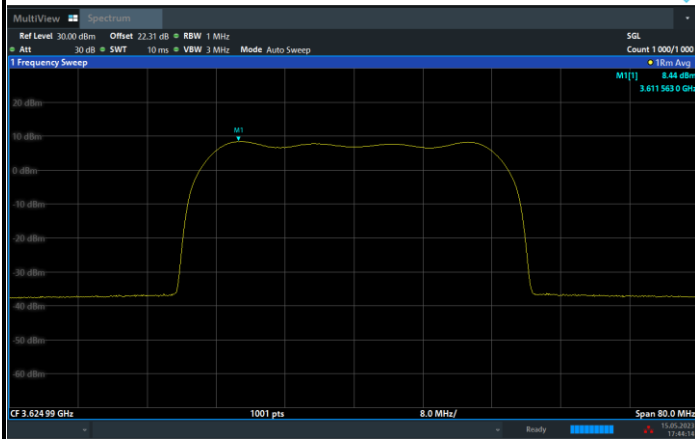


17:52:13 16.05.2023

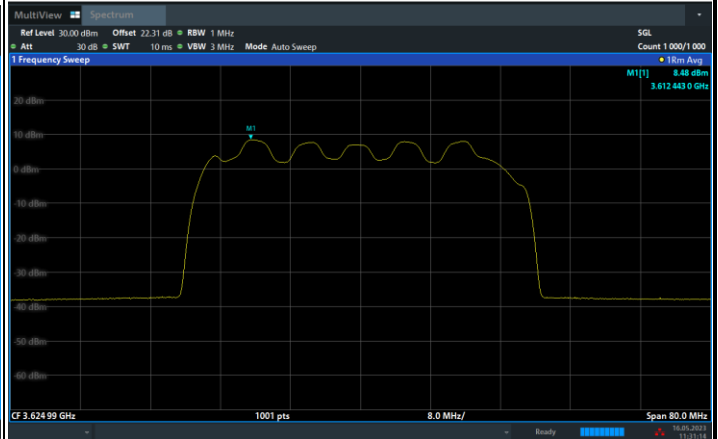


FR1 n48 / 40MHz / Middle Channel / PSD

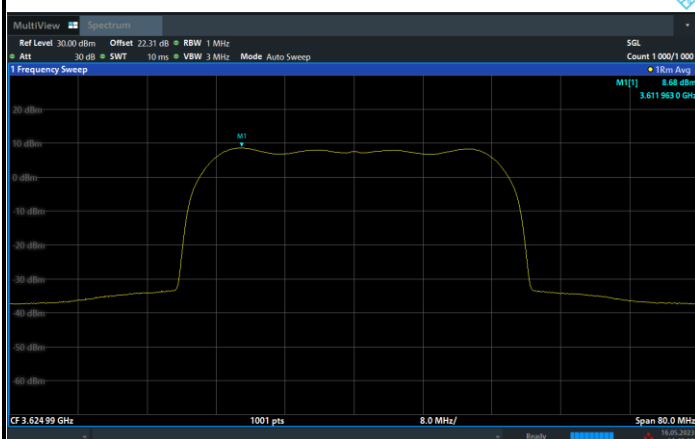
QPSK



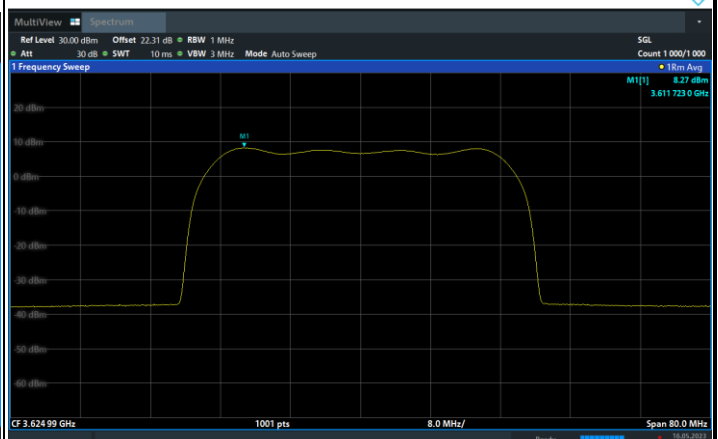
16QAM



64QAM



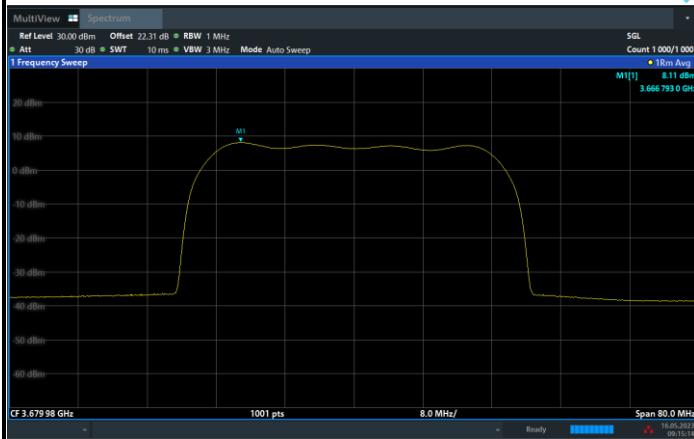
256QAM





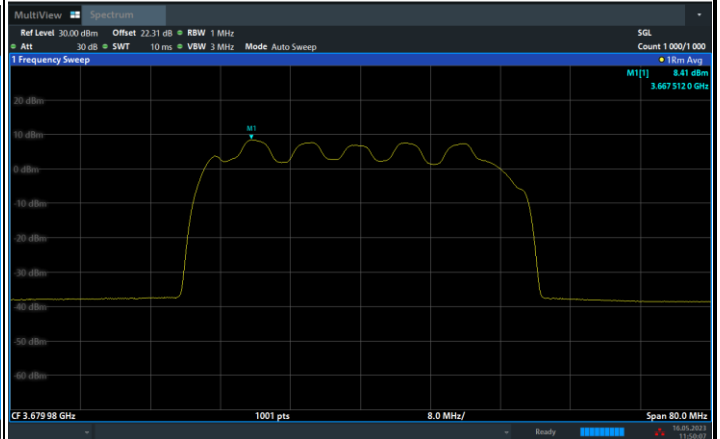
FR1 n48 / 40MHz / Highest Channel / PSD

QPSK



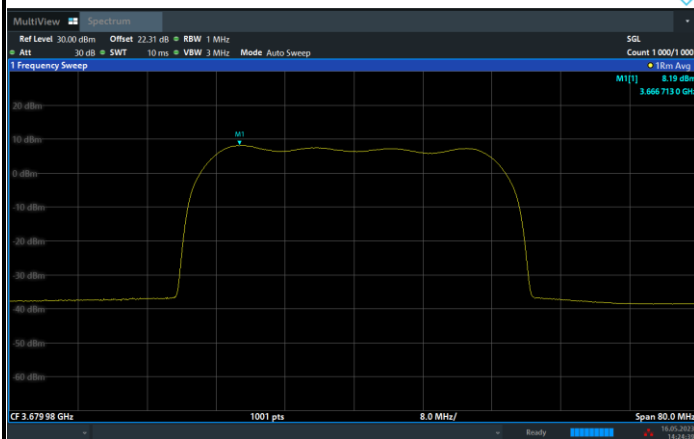
09:15:15 16.05.2023

16QAM



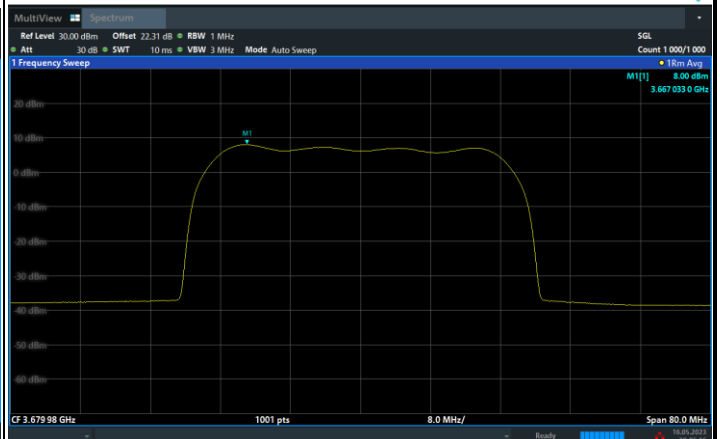
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64QAM



14:24:39 16.05.2023

256QAM

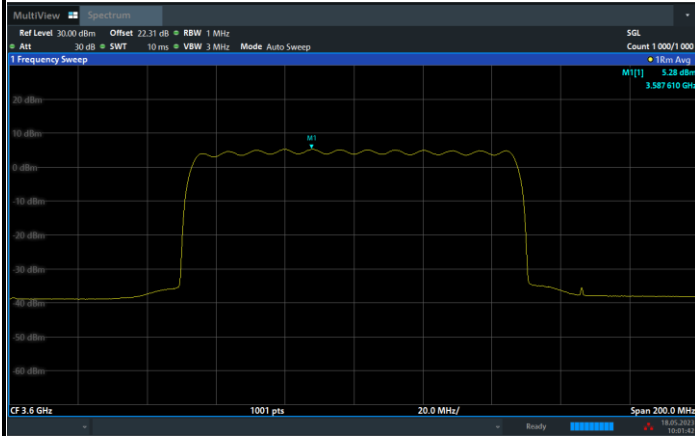


20:06:17 16.05.2023



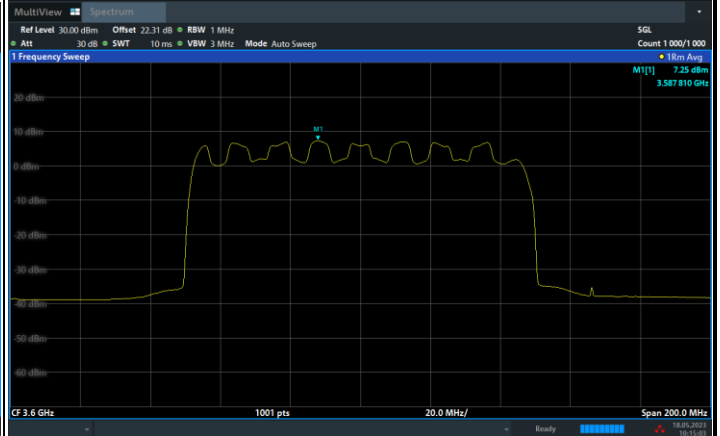
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



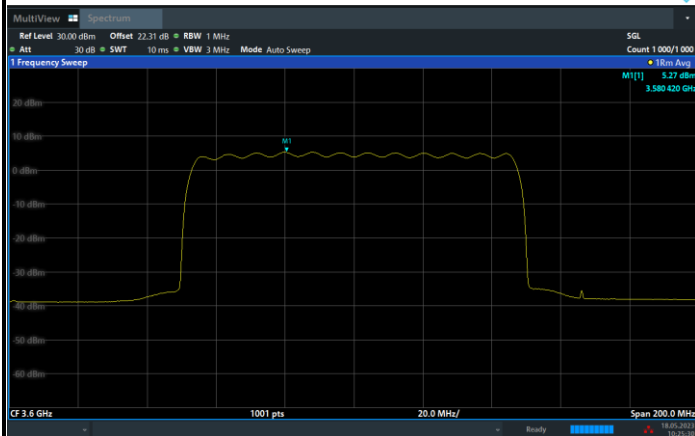
10:01:43 18.05.2023

16QAM



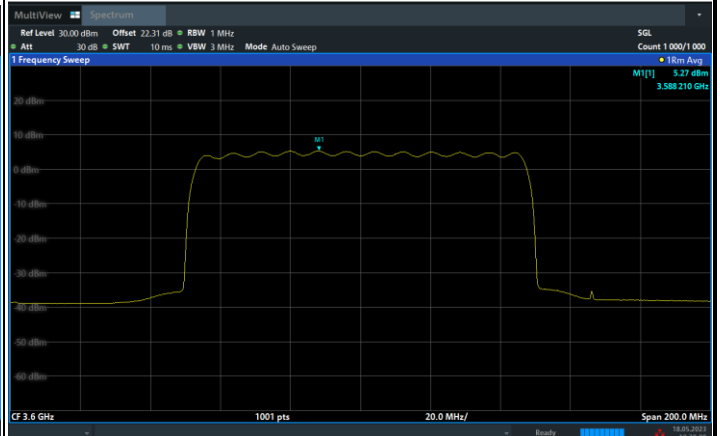
10:15:04 18.05.2023

64QAM



10:25:31 18.05.2023

256QAM

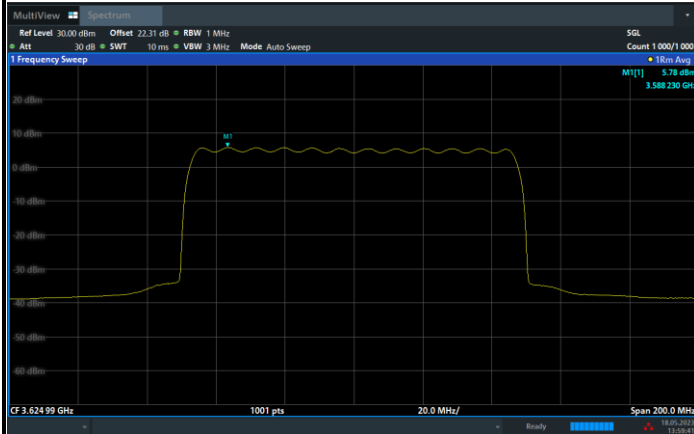


10:29:09 18.05.2023



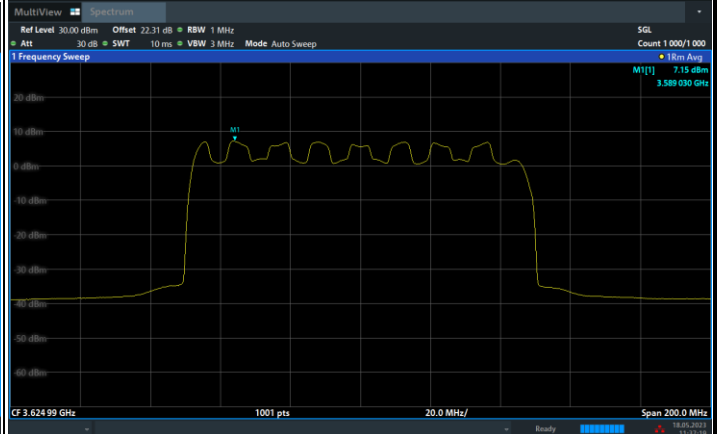
FR1 n48 / 100MHz / Middle Channel / PSD

QPSK



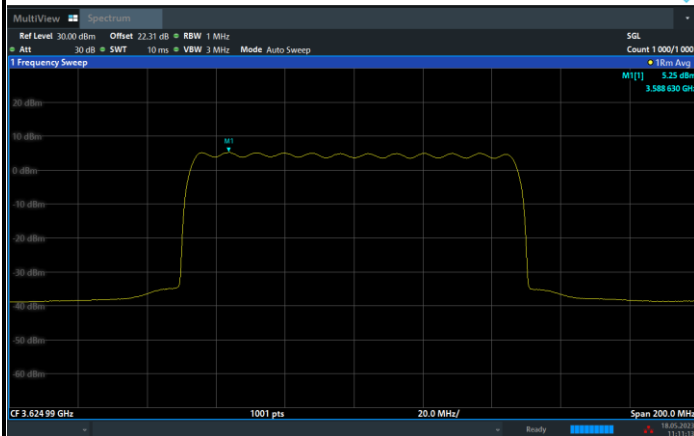
11:59:41 18.05.2023

16QAM



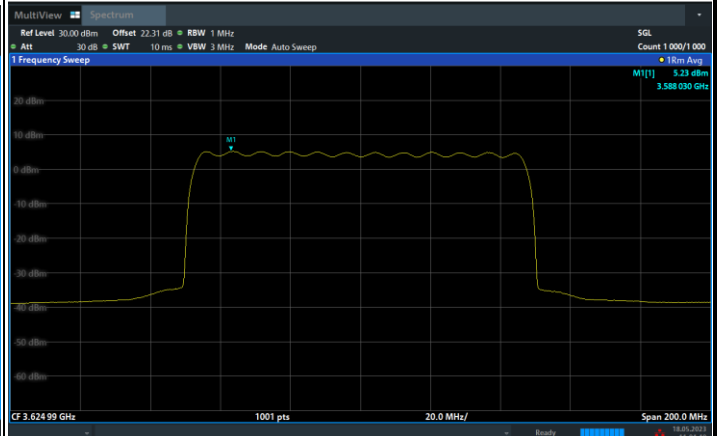
11:37:19 18.05.2023

64QAM



11:11:13 18.05.2023

256QAM

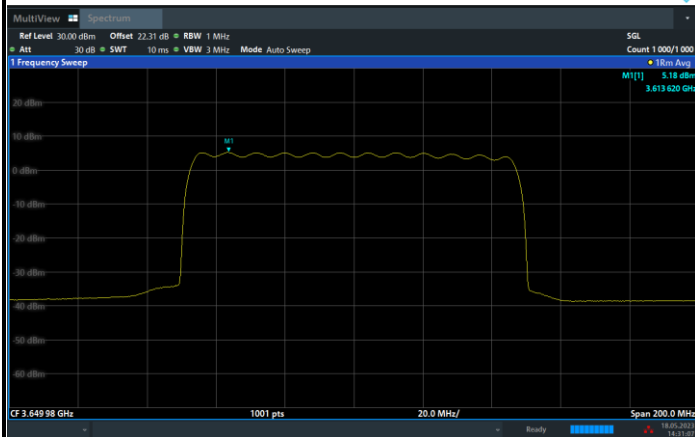


11:04:41 18.05.2023



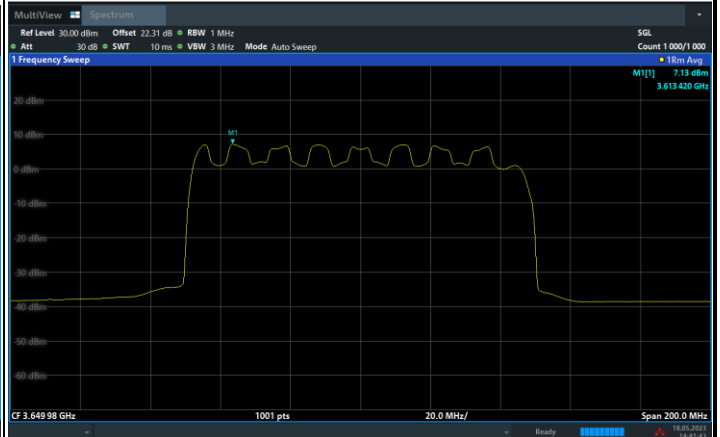
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



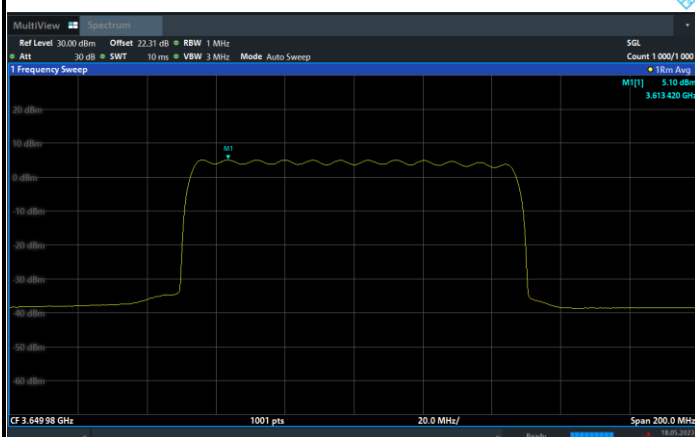
14:31:07 18.05.2023

16QAM



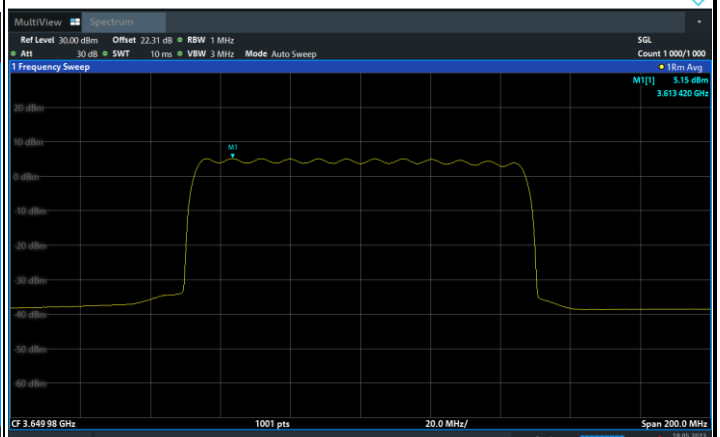
14:41:43 18.05.2023

64QAM



14:59:26 18.05.2023

256QAM

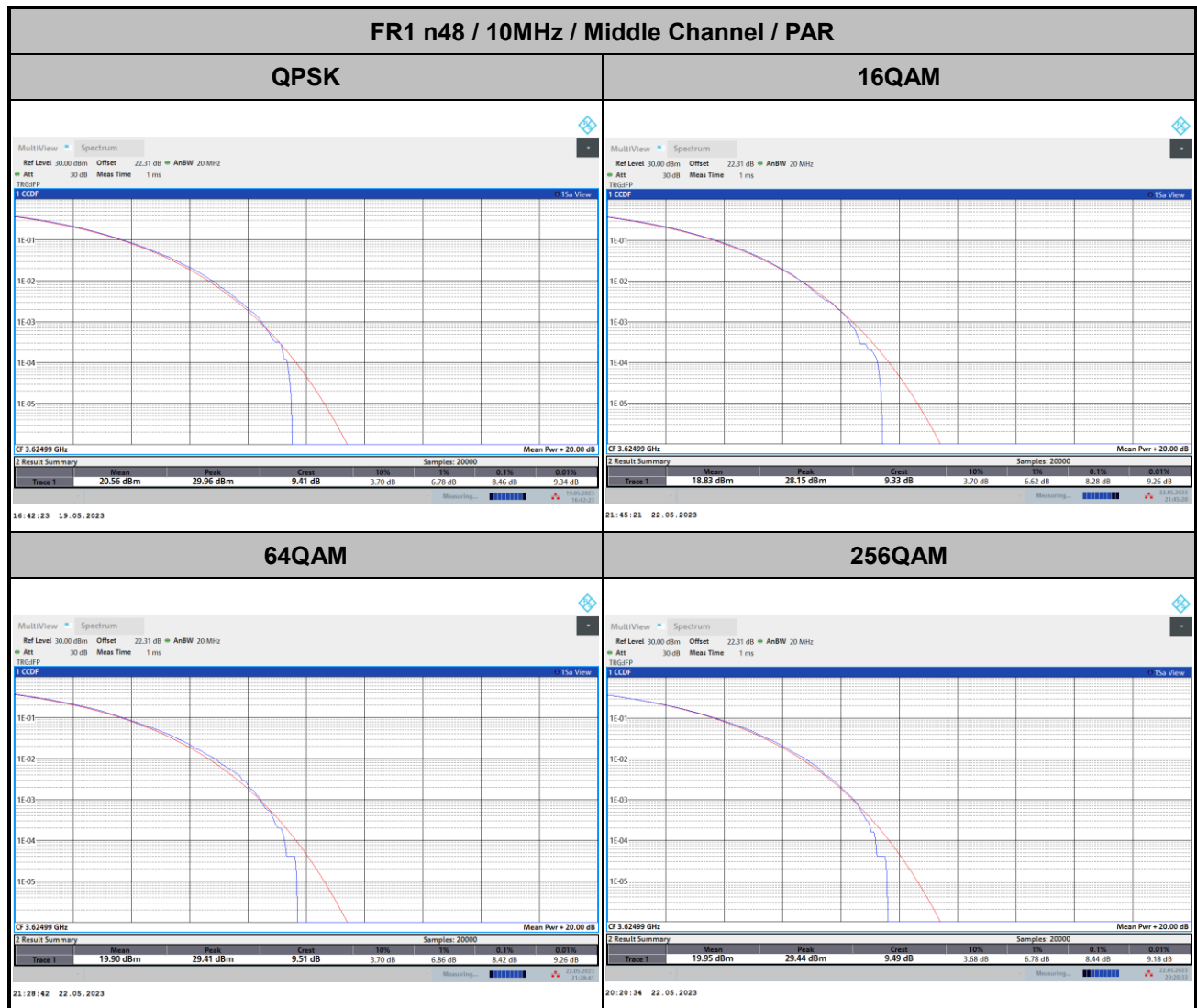


15:00:50 18.05.2023



Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.46	8.28	8.42	8.42	PASS



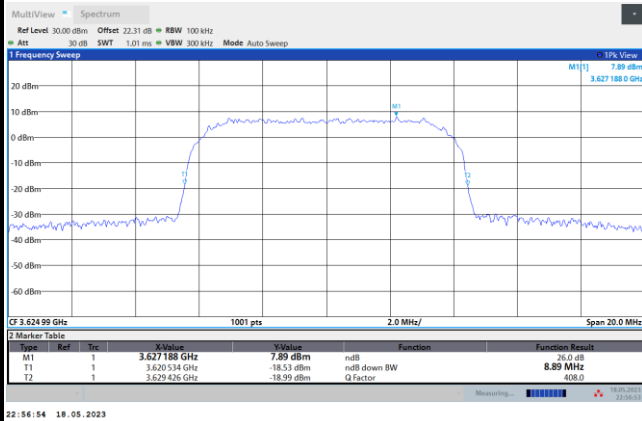
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.89	8.81	19.26	19.22	39.56	39.32	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.89	8.89	19.34	19.34	39.40	39.56	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	99.70	99.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	99.70	99.90

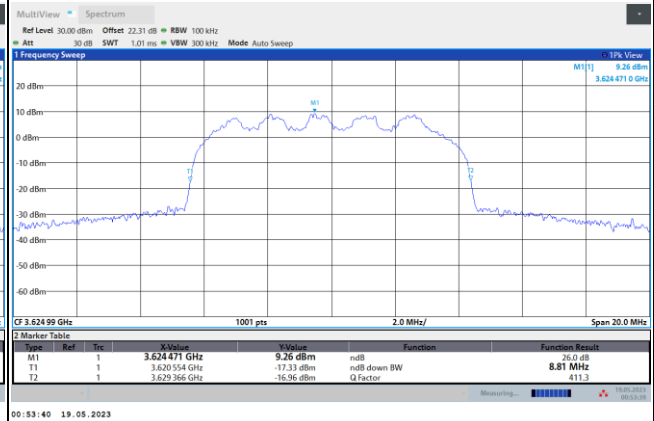


FR1 n48 / 10MHz / Middle Channel / 26dB BW

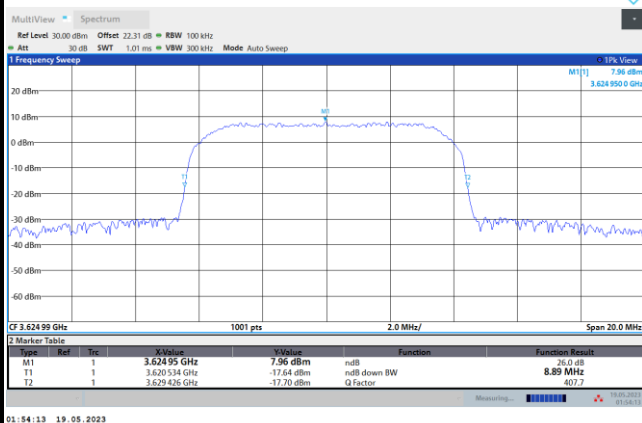
QPSK



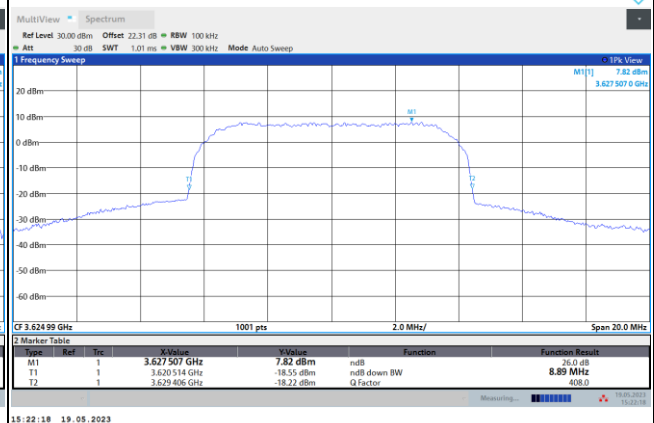
16QAM



64QAM



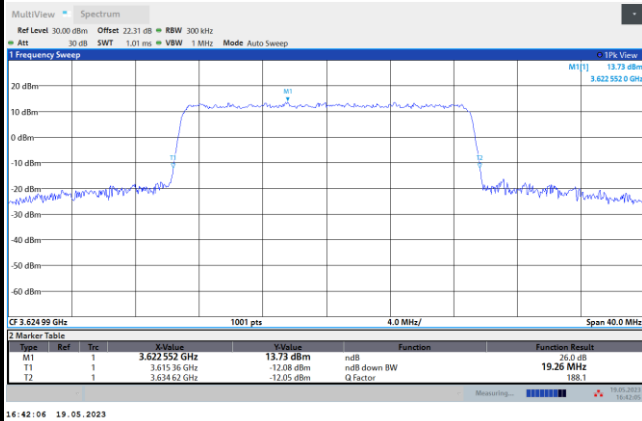
256QAM





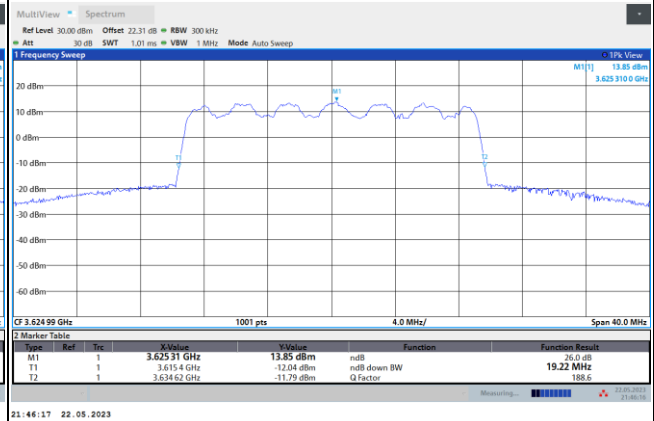
FR1 n48 / 20MHz / Middle Channel / 26dB BW

QPSK



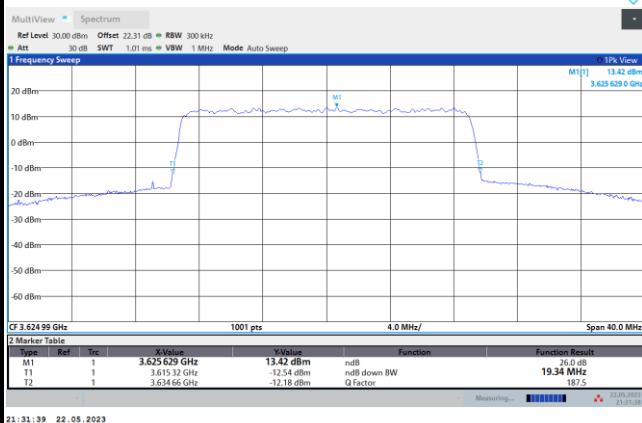
16:42:06 19.05.2023

16QAM



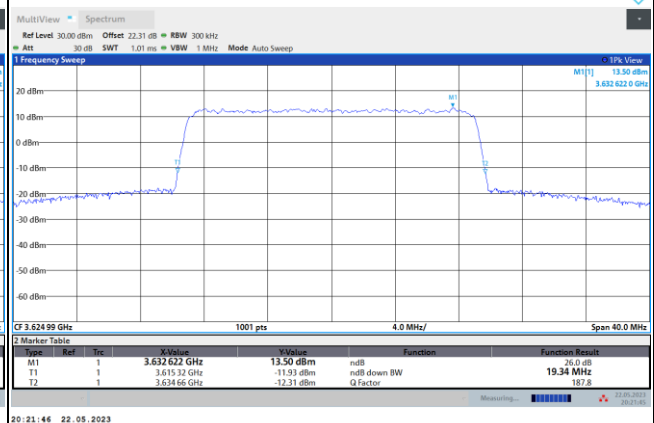
21:46:17 22.05.2023

64QAM



21:31:39 22.05.2023

256QAM

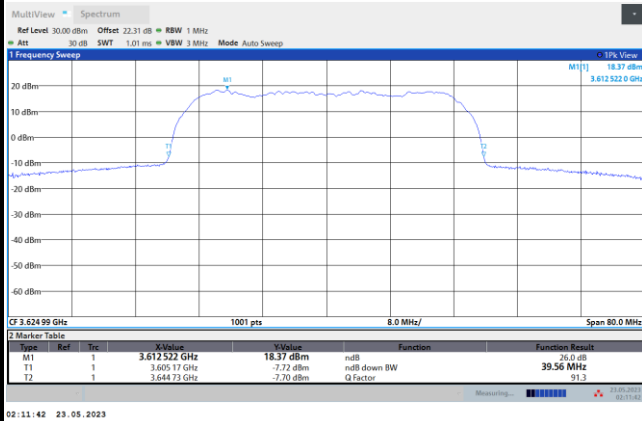


20:21:46 22.05.2023



FR1 n48 / 40MHz / Middle Channel / 26dB BW

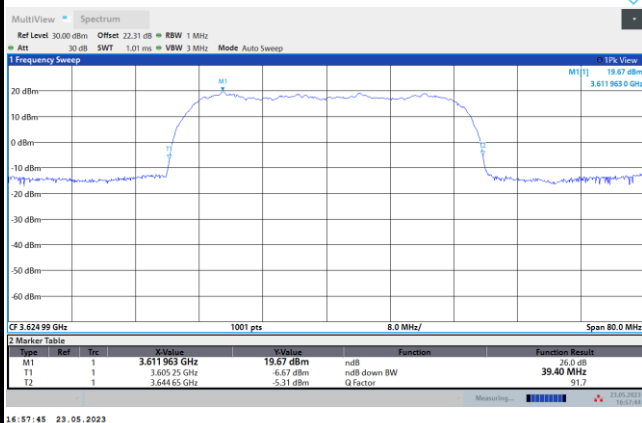
QPSK



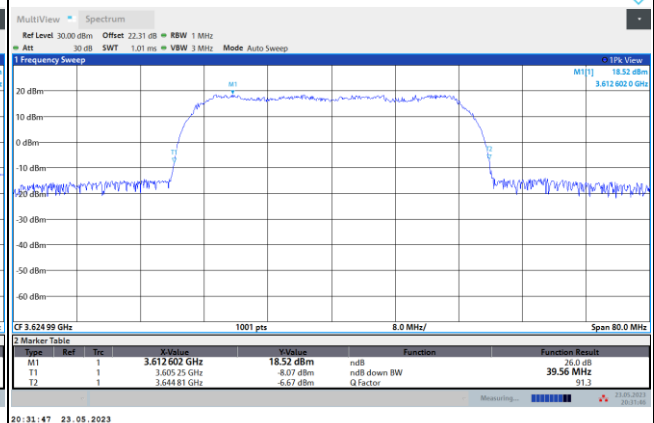
16QAM



64QAM



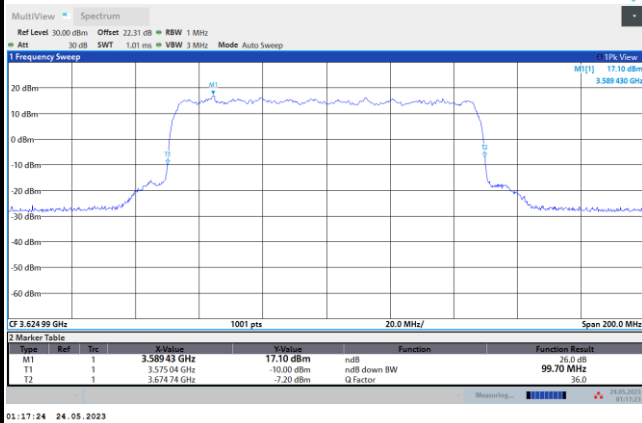
256QAM



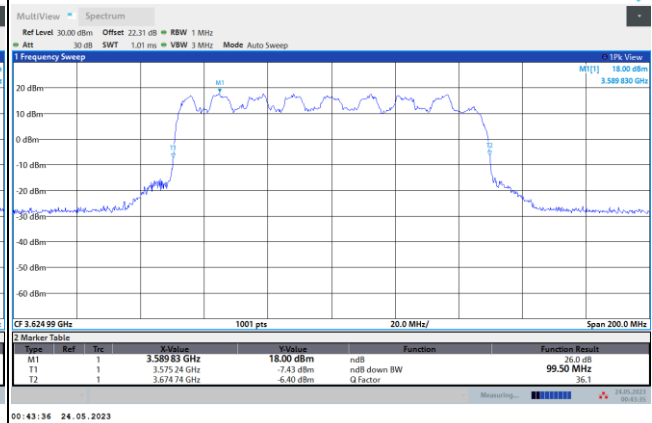


FR1 n48 / 100MHz / Middle Channel / 26dB BW

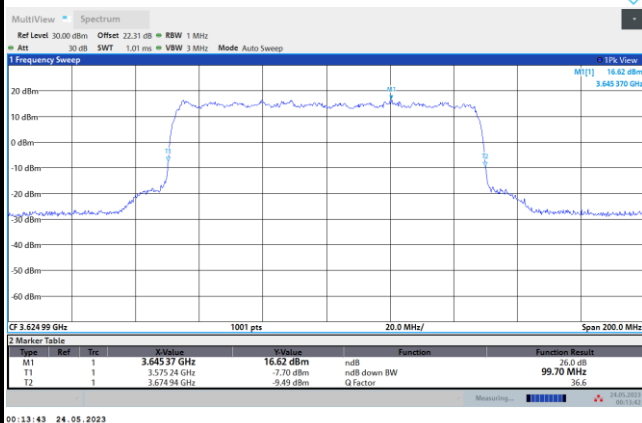
QPSK



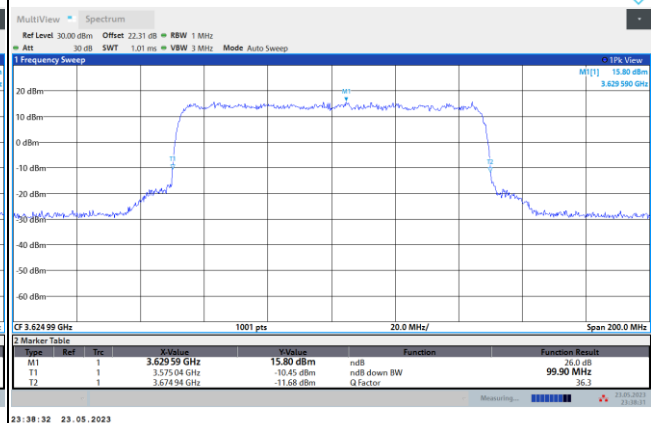
16QAM



64QAM



256QAM



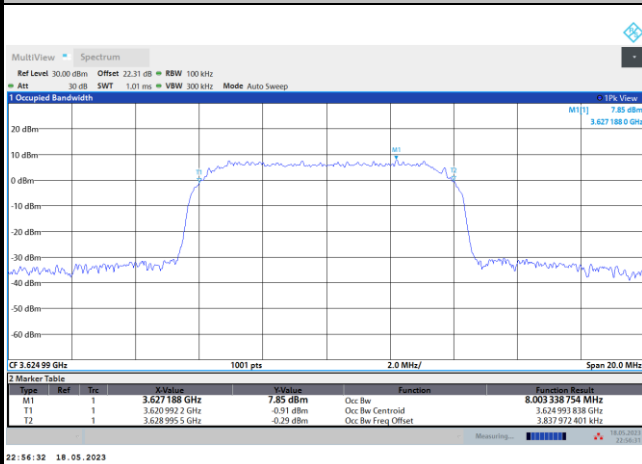
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.00	7.86	18.00	18.06	35.62	35.33	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.01	8.01	18.01	18.01	35.51	35.40	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	94.22	93.89
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	94.28	94.31

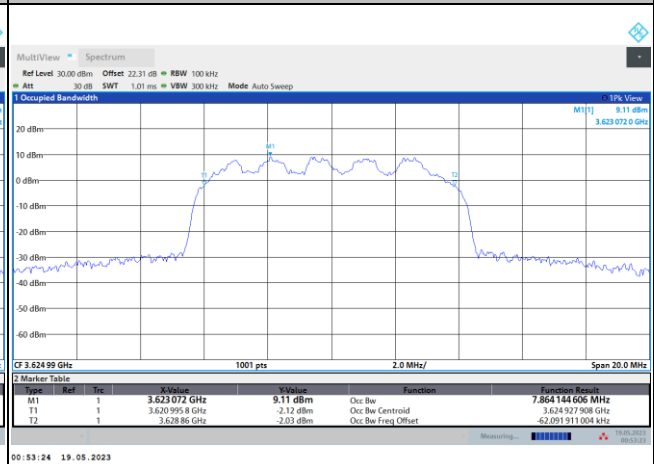


FR1 n48 / 10MHz / Middle Channel / 99%OBW

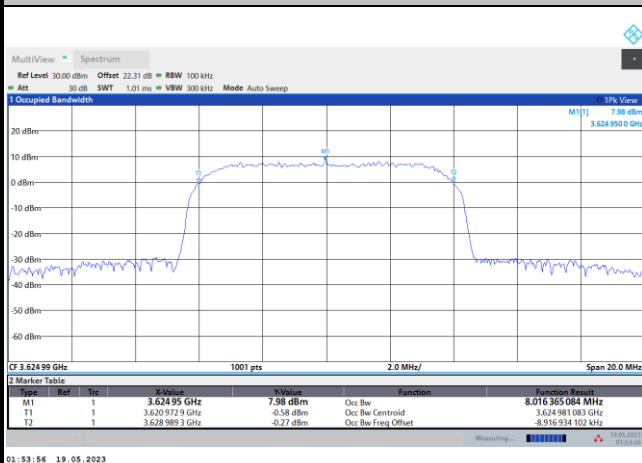
QPSK



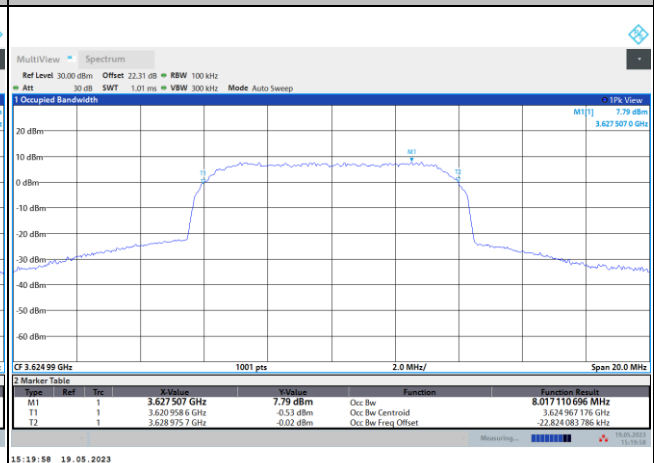
16QAM



64QAM



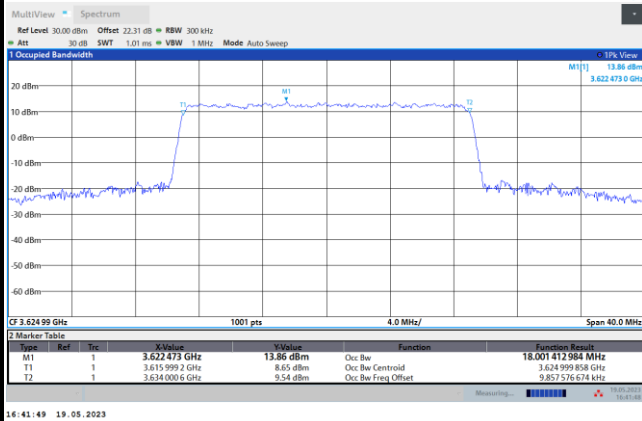
256QAM



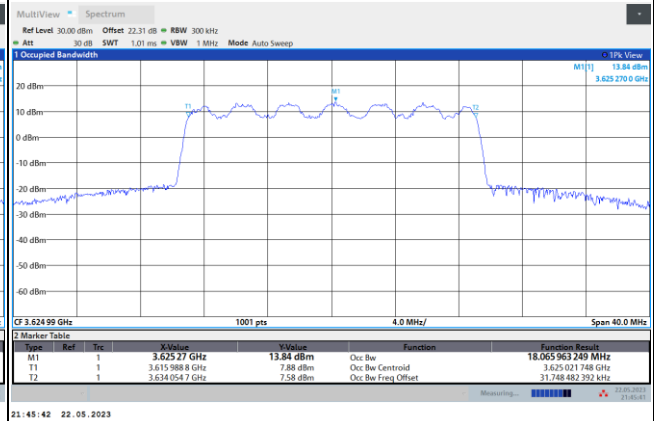


FR1 n48 / 20MHz / Middle Channel / 99%OBW

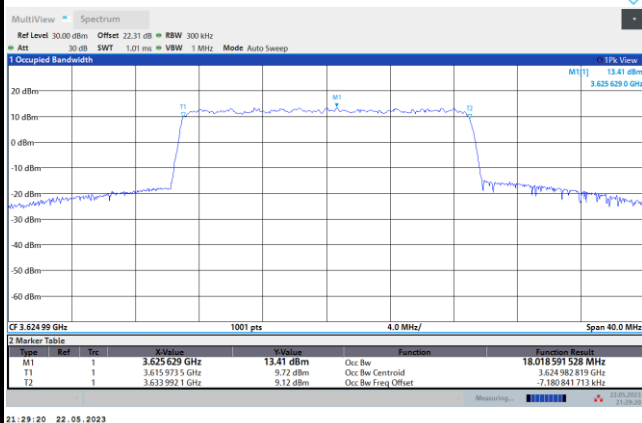
QPSK



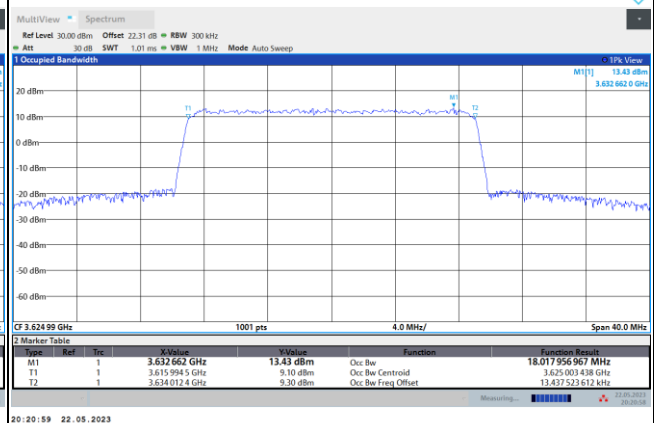
16QAM



64QAM



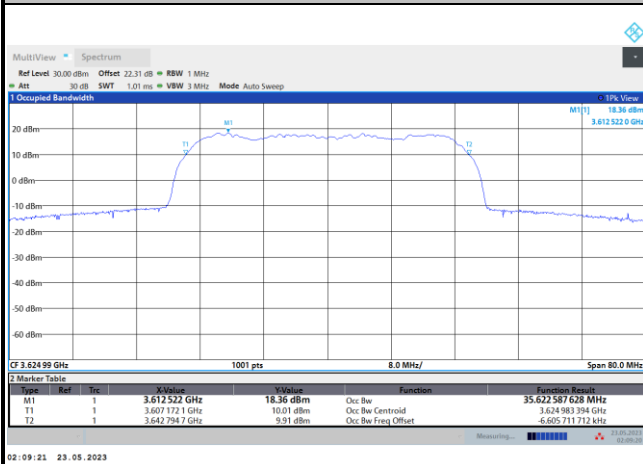
256QAM



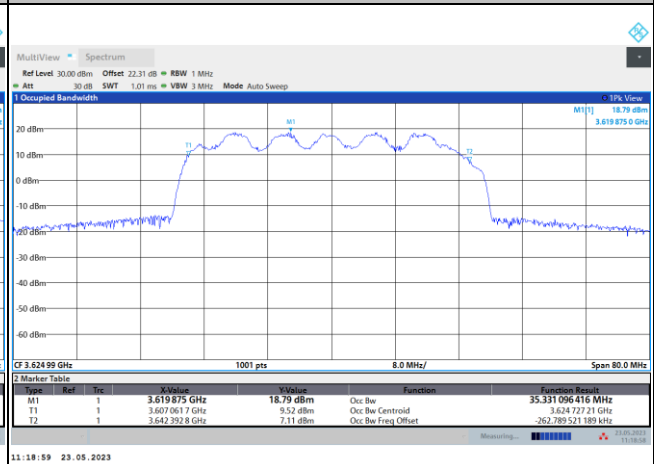


FR1 n48 / 40MHz / Middle Channel / 99%OBW

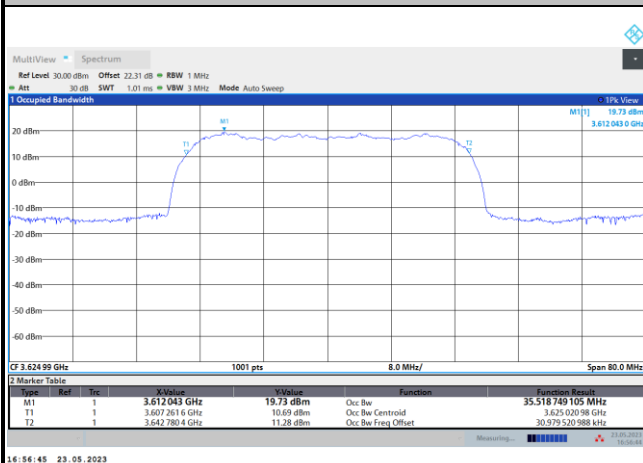
QPSK



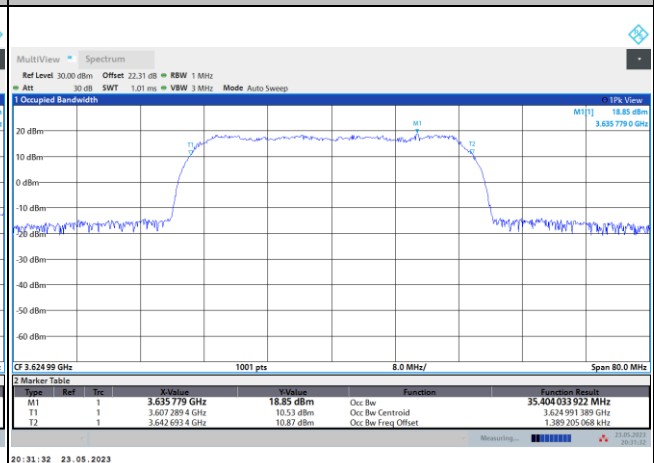
16QAM



64QAM

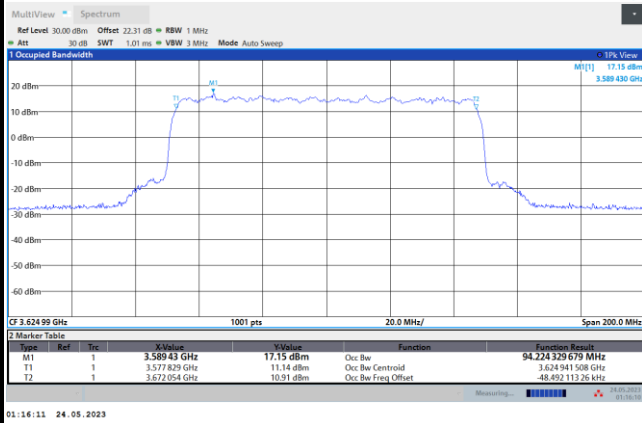


256QAM



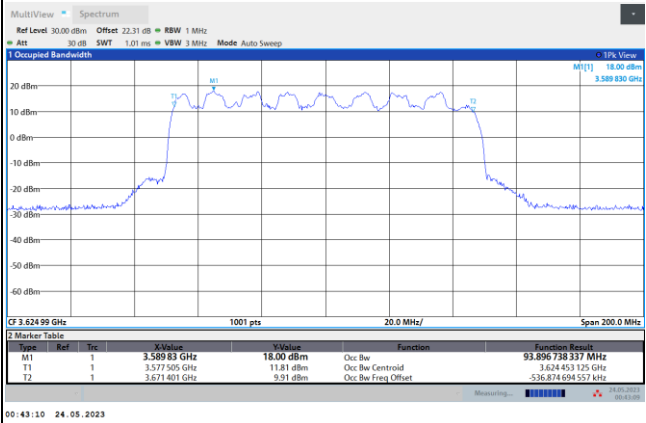
FR1 n48 / 100MHz / Middle Channel / 99%OBW

QPSK



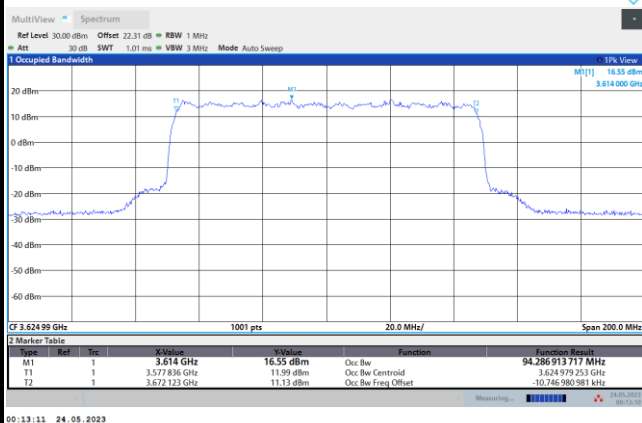
01:16:11 24.05.2023

16QAM



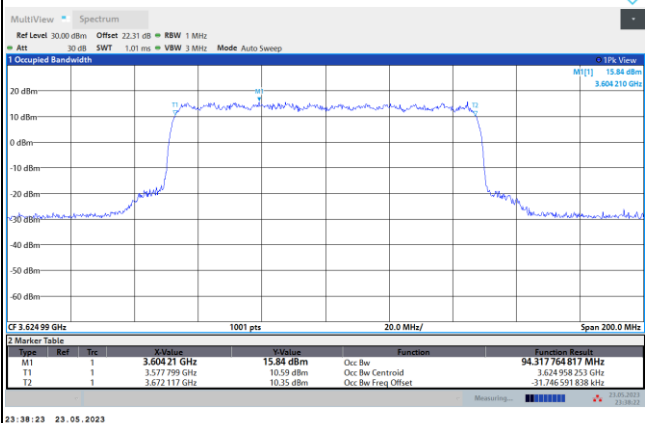
00:43:10 24.05.2023

64QAM



00:13:11 24.05.2023

256QAM



23:38:23 23.05.2023